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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stavros C. Manolagas et al. Group Art Unit: 1647
Serial No.: 10/730,751 Examiner: Shafer, Shulamith H.
Filed: December 8, 2003 Docket No.: 110.016US1
Title: IN VITRO AND IN VIVO MODELS FOR SCREENERING COMPOUNDS TO
PREVENT GLUCOCORTICOID-INDUCED BONE DESTRUCTION

**TRANSMITTAL LETTER FOR REFERENCE CITED IN THE INFORMATION
DISCLOSURE STATEMENT**

Mail Stop Amendment
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I am transmitting with this letter a copy of a reference cited in the Information Disclosure Statement in the above-referenced application. The copy of this reference was inadvertently omitted from the package of copies of the cited references submitted with the Amendment and Response under 37 C.F.R. § 1.111 on April 27, 2006. The reference is Henriques, MGMO, et al., "Mouse Paw Edema. A New Model for Inflammation?", *Brazilian J. Med. Biol. Res.* 20:243-249 (1987).

By: Hugh McTavish

Date: 4/28/06

Hugh McTavish
Reg. No. 48,341
Phone 651-207-8270
McTavish Patent Firm
429 Birchwood Courts
Birchwood, MN 55110

CERTIFICATION UNDER 37 C.F.R. 1.8.

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By: Hugh McTavish
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Shulamith H.
Shafer

Digitally signed by Shulamith H. Shafer
DN: cn=Shulamith H. Shafer, c=US, o=USPTO,
ou=AU 1647, email=shulamith.shafer@uspto.
gov
Date: 2006.07.10 10:55:41 -04'00'

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**INFORMATION DISCLOSURE
STATEMENT**
Sheet 1 of 1

Application No. 10/730,751
Filing Date Dec. 8, 2003
Applicants: MANOLAGAS et al.
Art Unit: 1647
Attorney Docket No. 110.016US1



Examiner Initials Document considered	Document
SHS	Bellido, T. et al., 1998, Overexpression of Bcl-2 renders osteoblastic cells refractory to glucocorticoid-induced apoptosis. Abstract W017, <i>Bone</i> 23:S324.
SHS	Bellido, T. et al., 1998, PTH prevents glucocorticoid-induced apoptosis of osteoblasts and osteocytes in vitro: direct interference with a private death pathway upstream from caspase-3. Abstract F458. <i>Bone</i> 23:S518.

Examiner Signature Shulamith H. Shafer

Digitally signed by Shulamith H. Shafer
DN: cn=Shulamith H. Shafer, c=US, o=USPTO,
ou=AU 1647, email=shulamith.shafer@uspto.gov
Date: 2006.06.26 11:09:12 -0400

Date Considered 06/26/2006

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PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 3650.1003-007		APPLICATION NO. 10/730,751	
		FIRST NAMED INVENTOR Stavros C. Manolagas		FILING DATE December 8, 2003	
		EXAMINER Not Assigned		CONFIRMATION NO. 4492	
				GROUP 1632	

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AA	5,071,773	12/10/1991	Evans, <i>et al.</i>
	AB	5,189,212	02/23/1993	Ruenitz
	AC	5,298,429	03/29/1994	Evans, <i>et al.</i>
	AD	5,362,720	11/08/1994	Labrie
	AE	5,506,102	04/09/1996	McDonnell
	AF	5,545,634	08/13/1996	Labrie
	AG	5,554,601	09/10/1996	Simpkins, <i>et al.</i>
	AH	5,567,695	10/23/1996	Labrie
	AI	5,843,934	12/01/1998	Simpkins, <i>et al.</i>
	AJ	5,846,960	12/08/1998	Labrie
	AK	5,877,007	03/02/1999	Housey
	AAZ	6,080,779	06/27/2000	Gasper, <i>et al.</i>
	AB2	US 20020137209	09/26/2002	Manolagas, <i>et al.</i>
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
SHS	AL	EP 0 753 523 A1	01/15/1997	Gador S.A.		
	AM	WO 99/54728 A2	10/28/1999	Novalon Pharmaceuticals Corp.		
	AN	WO 99/61044 A1	12/02/1999	The Board of Trustees of the University of Arkansas		
	AO	WO 00/19823 A1	04/13/2000	The Board of Trustees of the University of Arkansas		
	AP	WO 00/20007 A1	04/13/2000	The Board of Trustees of the University of Arkansas		
	AQ	WO 00/20625 A1	04/13/2000	The Board of Trustees of the University of Arkansas		
✓	AL2	WO 00/37681 A1	06/29/2000	American Home Products Corporation		
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SHS	AR	Aarden, E.M., <i>et al.</i> , "Function of Osteocytes in Bone", <i>J. Cell. Biochem.</i> , 55:287-299 (1994).
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	AT	Dunstan, <i>et al.</i> , "Osteocyte Death and Hip Fracture", <i>Clacif Tissue Int.</i> , 53: Supp11: S113-S117 (1993).
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	AX	Kato, Y., <i>et al.</i> , "Establishment of an Osteocyte- like Cell Line, MLO-Y4", <i>J. Bone Miser. Res.</i> , 12:2014-2023 (1997).
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	AZ	Noble, <i>et al.</i> , "Identification of Apoptotic Changes in Osteocytes in Normal and Pathologic Human Bone", <i>Bone</i> , 20:273-282 (1997).
	AR2	Reid, I.R., <i>et al.</i> , "Prevention of Glucocorticoid-Induced Osteoporosis", <i>Journal of Bone and Mineral Research</i> , 5:619-623 (1990).
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	AS3	Conaway, H.H., <i>et al.</i>, "Stimulation of Neonatal Mouse Calvarial Bone Resorption by the Glucocorticoids Hydrocortisone and Dexamethasone", <i>Journal of Bone and Mineral Research</i>, 11:1419-1429 (1996).
SHS	AT3	Cline, M.J., "Drugs and Phagocytes", <i>The New England Journal of Medicine</i> , 291:1187-1188 (1974).
	AU3	Cope, C.L., "Synthetic Analogues", <i>Adrenal Steroids and Disease</i> , Lippincott, PA, USA, 488-491 (1972).
	AV3	Cushing, H., "The Basophil Adenomas of the Pituitary Body and their Clinical Manifestations", <i>Bulletin of the John Hopkins Hospital</i> , 1:137-195 (1932).
	AW3	Deloffre, P., <i>et al.</i> , "Comparison Between Bone Density and Bone Strength in Glucocorticoid-Treated Aged Ewes", <i>Bone</i> , 17(Suppl):409S-14S (1995).
	AX3	Dempster, D.W., "Bone Histomorphometry in Glucocorticoid-Induced Osteoporosis", <i>Journal of Bone and Mineral Research</i> , 4:137-141 (1989).
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	AT4	Frost, H.M., "In Vivo Osteocyte Death", <i>The Journal of Bone and Joint Surgery</i> , 42-A:1-8:138-150 (1960).
SHS	AU4	Gobel, A., <i>et al.</i>, "Glucocorticoids Induce Apoptosis in Osteoblasts by the Regulation of BCL-2, BAX and Other Cell Cycle Factors", <i>Journal of Bone and Mineral Research</i>, Abstract, F234-S284 (1997).
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SHS	AY4	Jilka, R.L., <i>et al.</i> , "Increased Osteoclast Development After Estrogen Loss: Mediation by Interleukin-6", <i>Science</i> , 257:88-91 (1992).
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	AR5	King, C.S., <i>et al.</i> , "Effects of Continuous Glucocorticoid Infusion on Bone Metabolism in the Rat", <i>Calcified Tissue International</i> , 59:184-191 (1996).
	AS5	Kleiber, M., "The Fire of Life: An Introduction to Animal Energetics", John Wiley & Sons, Inc., New York Chapter, 10:177-216 and 11:217-230 (1961).
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SHS	AU5	Knight, B., <i>et al.</i> , "Induction of Adjuvant Arthritis in Mice", <i>Clinical and Experimental Immunology</i> , 90:459-465 (1992).
	AV5	Li, M., <i>et al.</i> , <i>Bone</i> 19:81-88 (1996).
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SHS	AY6	Quarles, L.D., "Prednisone-Induced Osteopenia in Beagles: Variable Effects Mediated by Differential Suppression of Bone Formation", <i>American Journal of Physiology</i> , 263:E136-E141 (1992).
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SHS	AS8	Weinstein, <i>et al.</i> , "Inhibition of osteoblastogenesis and promotion of apoptosis of osteoblasts and osteocytes by glucocorticoids: potential mechanisms of their deleterious effects on bone", <i>Journal of Clinical Investigation</i> , 102(2):274-282 (1998).
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Shulamith H. Shafer

Digitally signed by Shulamith H. Shafer
 DN: cn=Shulamith H. Shafer, o=US, ou=USPTO,
 ou=AU 1647, email=shulamith.shafer@uspto.gov
 Date: 2006.06.28 07:42:31 -0400

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